

FIG.1 PRIOR ART

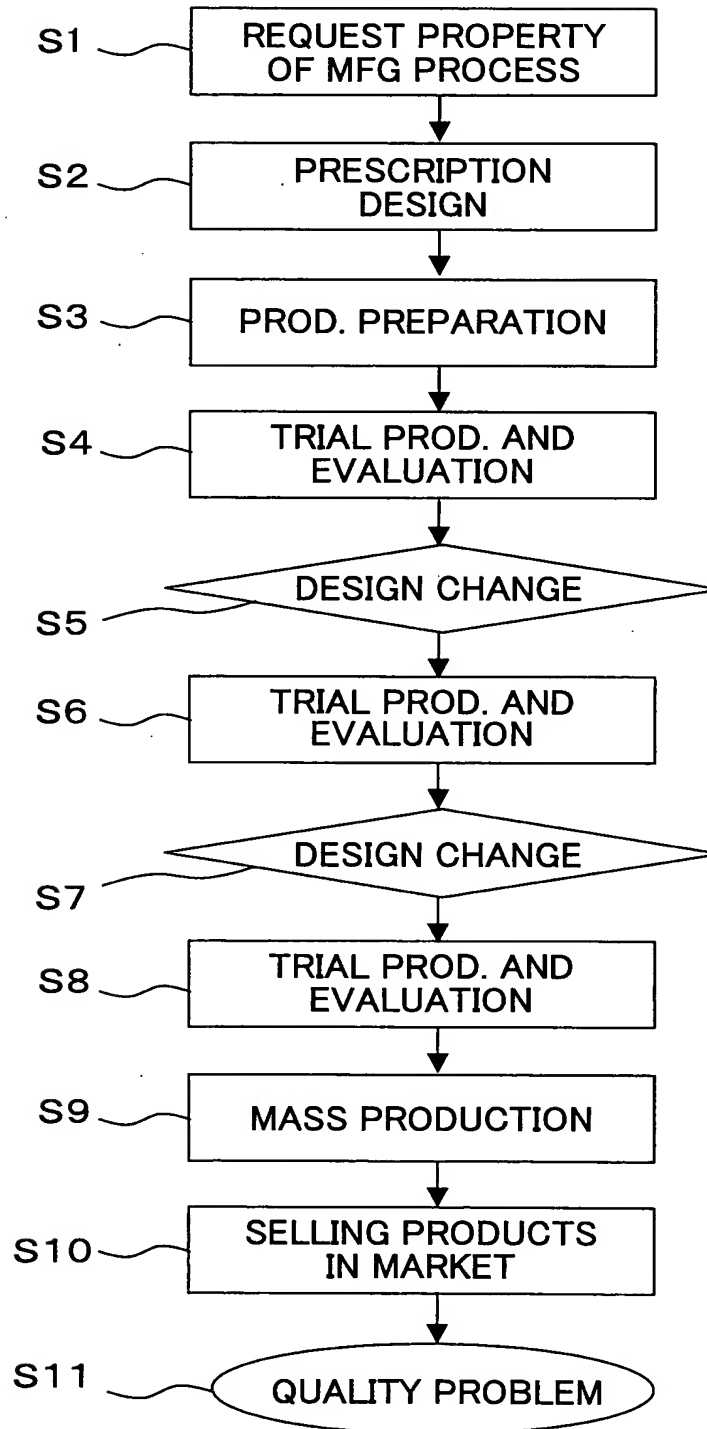


FIG.2

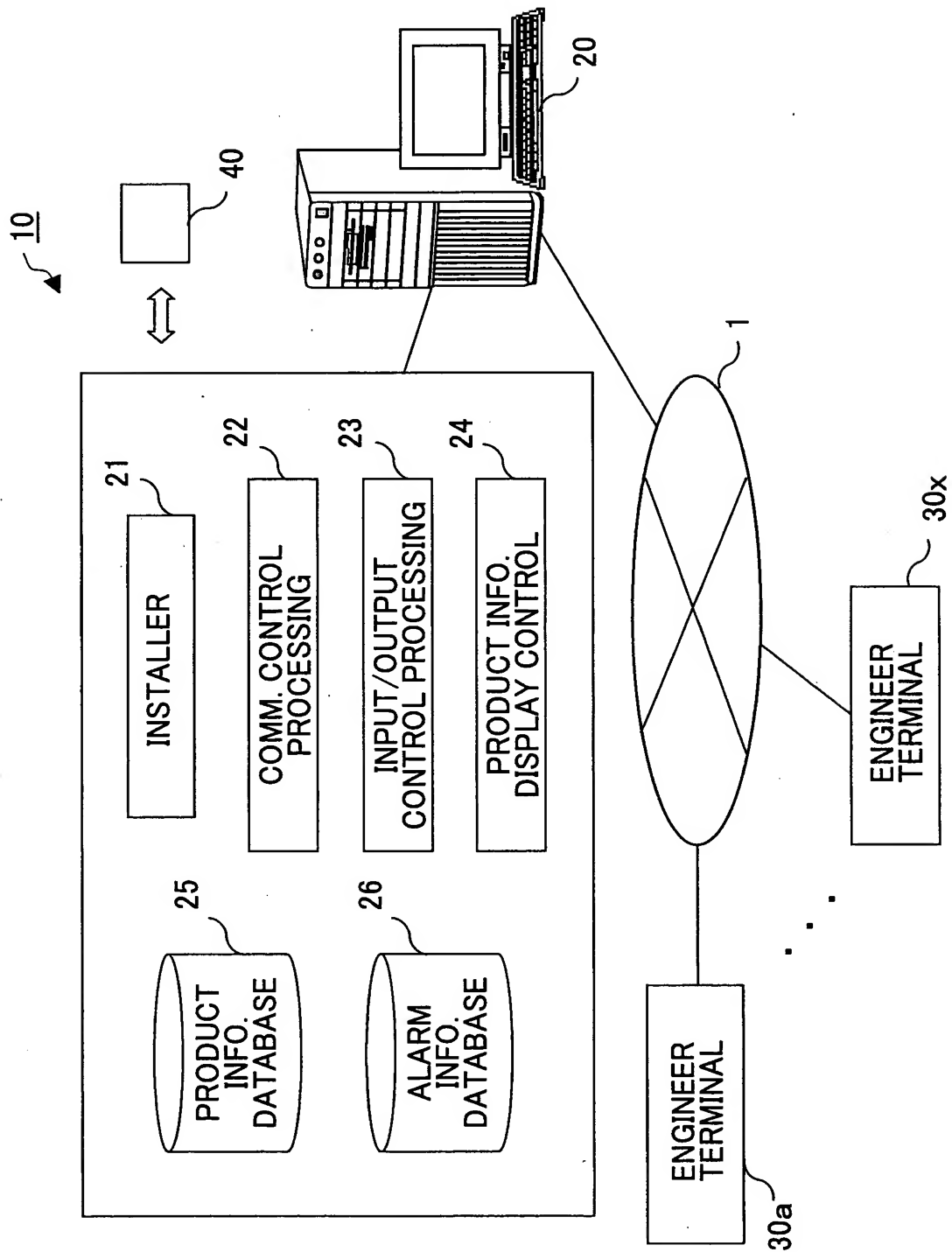


FIG.3

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PRODUCT NAME	MODEL NAME	PRESCRIPTION	UPDATE	COLOR
PRODUCT-A	A-BK	OIL APPLIED	2002/07/10	BLACK
	A-C	OIL APPLIED	2002/07/10	CYAN
	A-M	OIL APPLIED	2002/07/10	MAGENTA
	A-Y	OIL APPLIED	2002/07/10	YELLOW
PRODUCT-B	B-BK	OILLESS	2002/09/20	BLACK
	B-C	OILLESS	2002/09/20	CYAN
	B-M	OILLESS	2002/09/20	MAGENTA
	B-Y	OILLESS	2002/09/20	YELLOW
:	:	:	:	:

FIG.4

PRODUCT NAME	PARTICLE-SIZE DIST.				FINE-PARTICLE PROPERTY		ELECTRICAL PROPERTY				THERMAL PROPERTY	
	PROPERTY -1	PROPERTY -2	PROPERTY -3	PROPERTY -4	PROPERTY -5	PROPERTY -6	PROPERTY -7	PROPERTY -8				PROPERTY -8
A-BK	0.8	0.84	7.8	3.0	1.5	36	3.1	4.5				4.5
A-C	8.3	0.01	5.7	4.5	1.0	35	4.5	5.0				5.0
A-M	6.8	0.45	5.5	5.0	3.8	32	4.1	5.0				5.0
A-Y	1.2	0.39	5.5	5.8	0.4	35	3.7	4.0				4.0
:	:	:	:	:	:	:	:	:				:
:	:	:	:	:	:	:	:	:				:
:	:	:	:	:	:	:	:	:				:

OPTICAL PROPERTY				ENVIRON. CONDITION		
PROPERTY -9	PROPERTY -10	PROPERTY -11	PROPERTY -12	PROPERTY -13		
1.9	-	35	3.0	5.0	...	
1.8	61	50	4.5	4.5		
1.6	73	44	4.0	5.0		
1.7	89	87	5.8	5.0		
:	:	:	:	:		
:	:	:	:	:		

FIG.5A

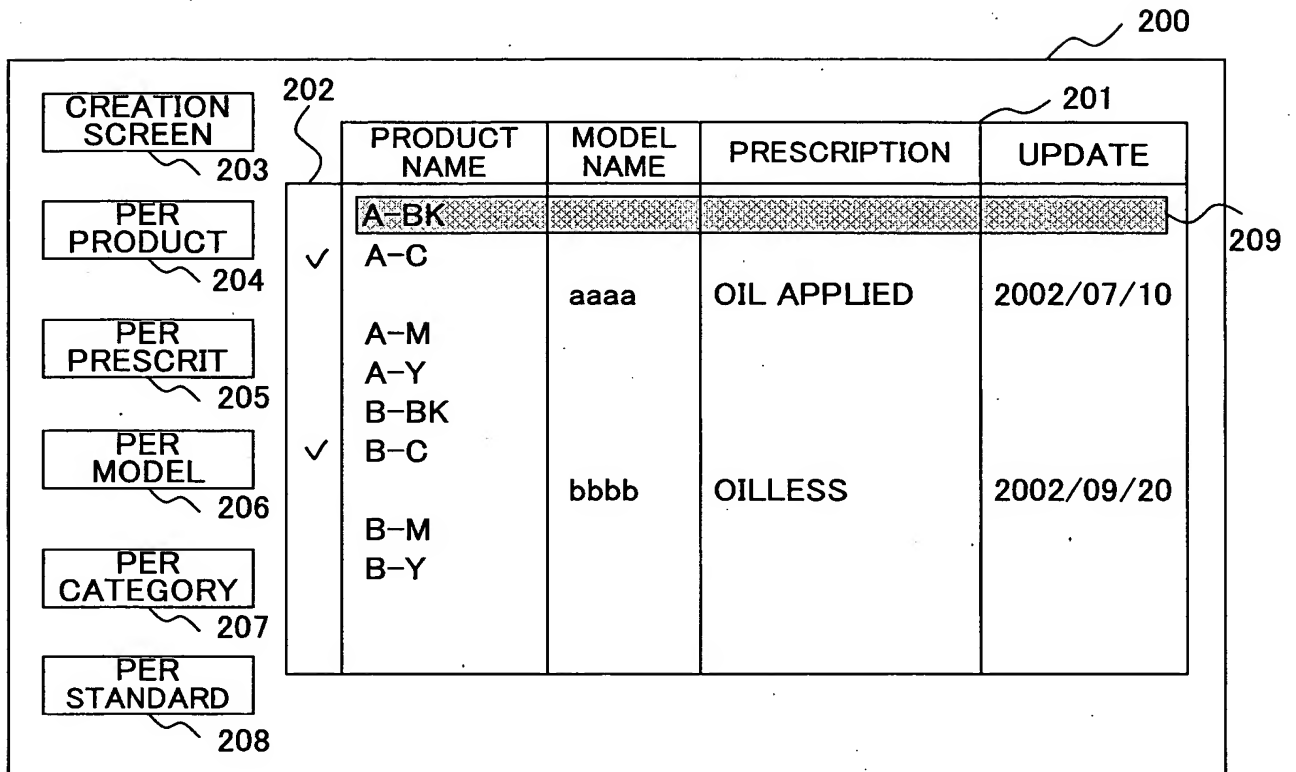


FIG.5B

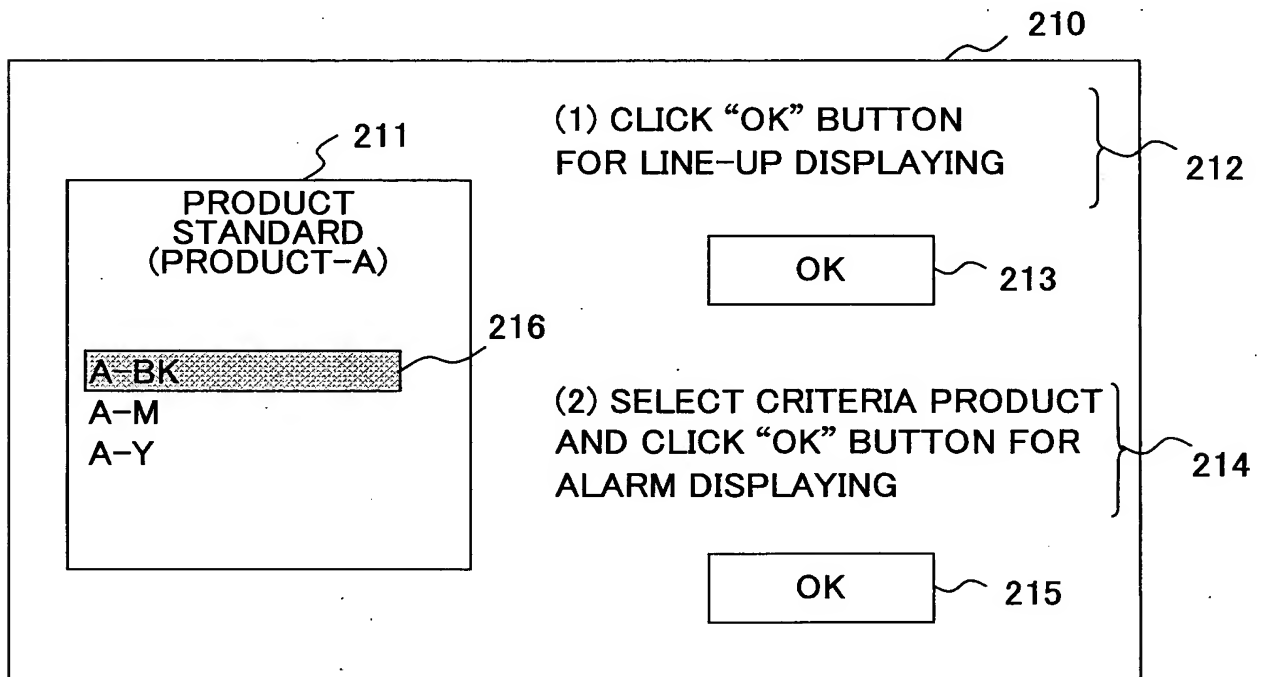


FIG.6

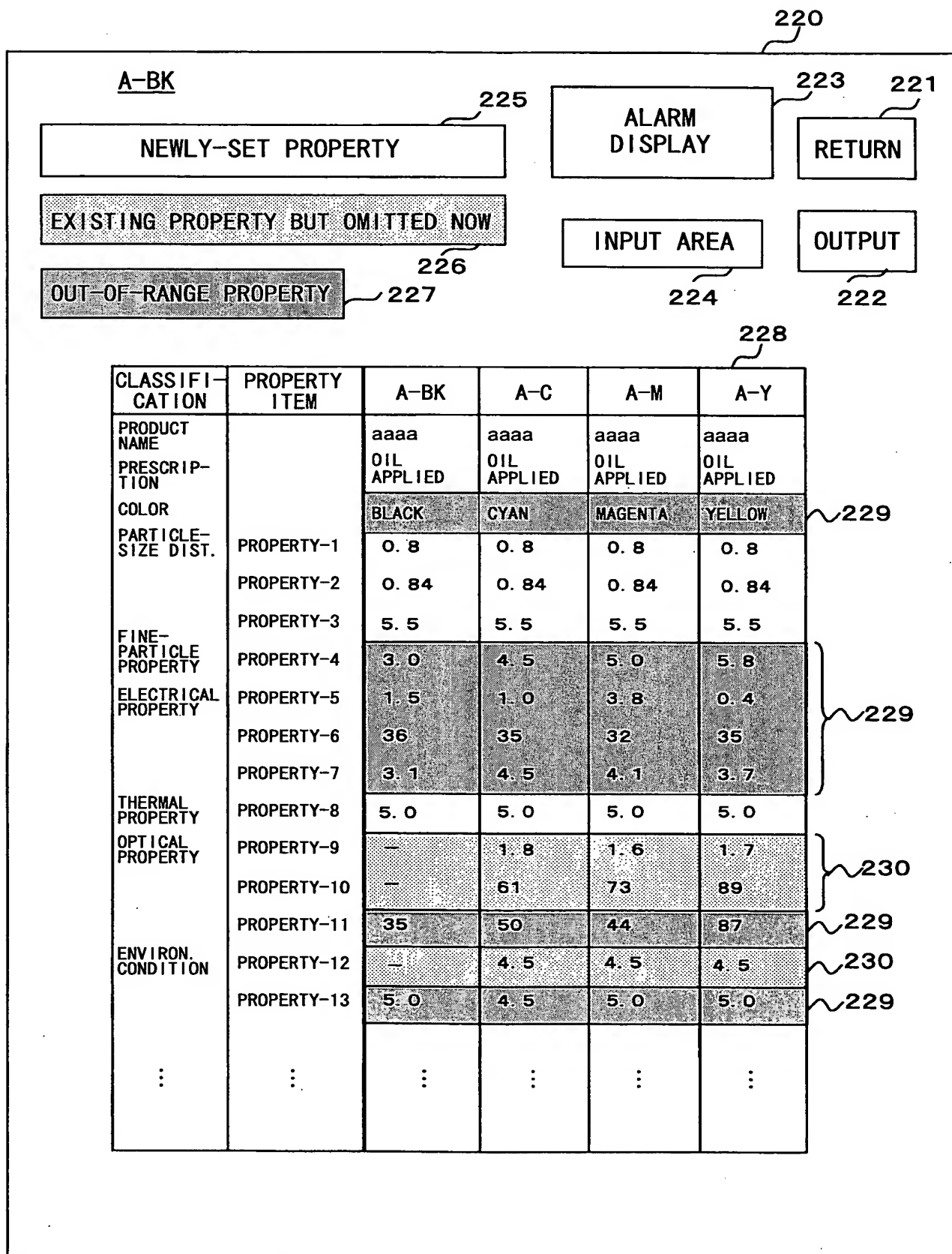


FIG. 7

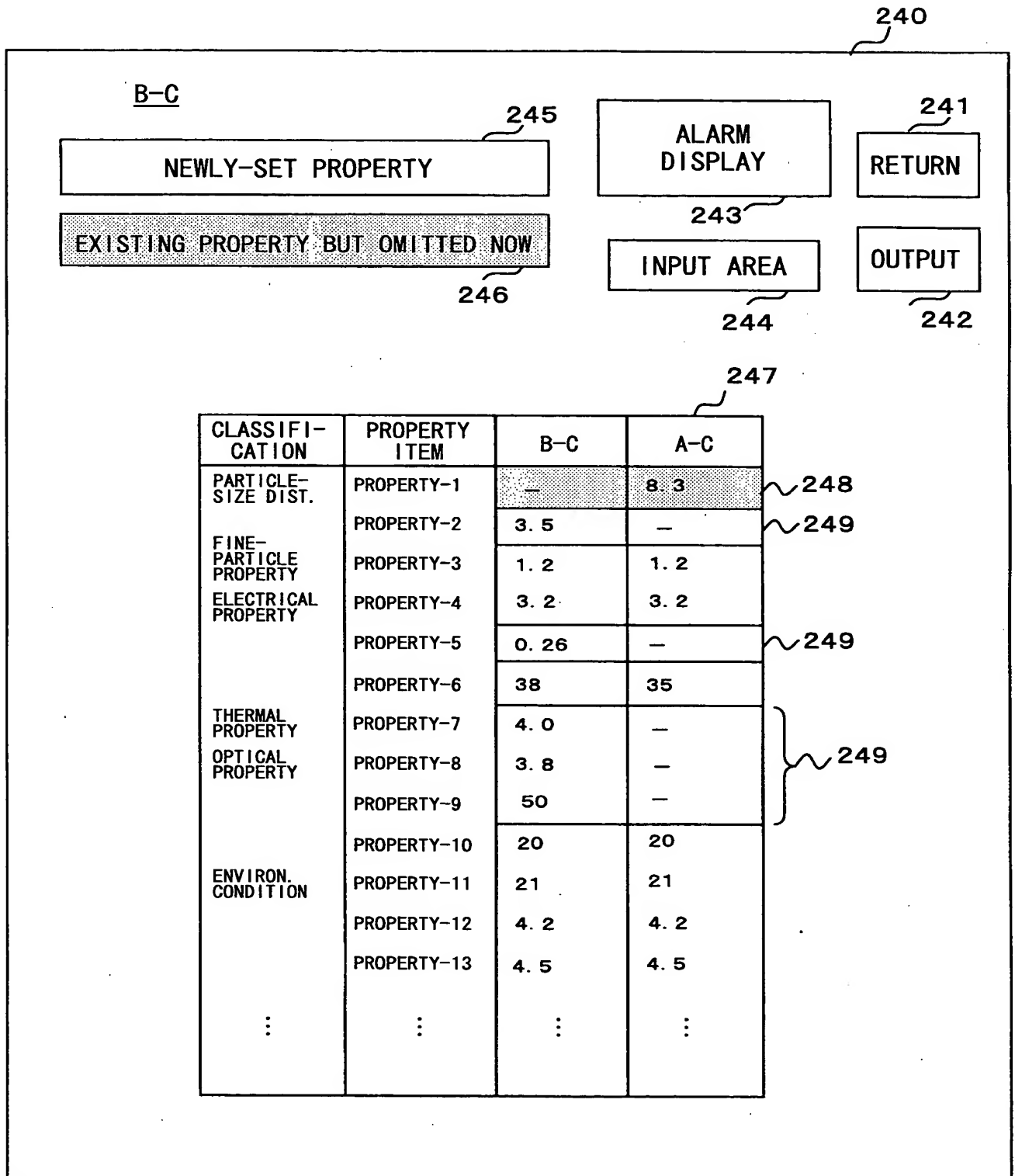


FIG.8

260

THRESHOLD VALUE	DISPLAY CONTROL
OVER 25% AND UNDER 50%	IF TWO OR MORE OF "B" TO "E" DIFFER FROM "A", ALARM IS DISPLAYED.
OVER 50% AND UNDER 75%	IF THREE OR MORE OF "B" TO "E" DIFFER FROM "A", ALARM IS DISPLAYED.
OVER 75% AND UNDER 100%	IF ALL OF "B" TO "E" DIFFER FROM "A", THEN ALARM IS DISPLAYED
100%	NO ALARM IS DISPLAYED

FIG.9

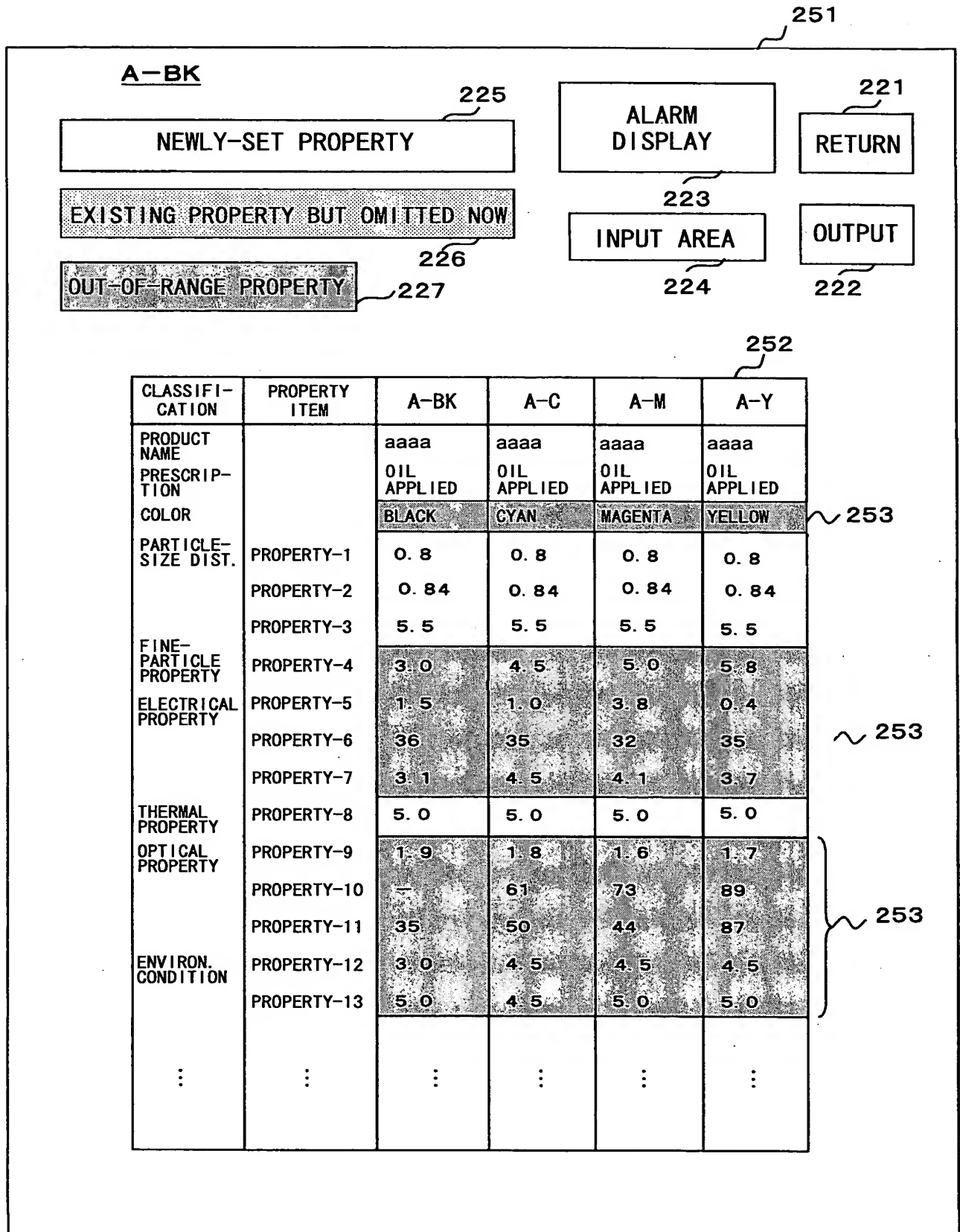


FIG.10

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FIELD: TONER

SELECT STANDARD: 271

SELECT PRODUCT:

	PRODUCT NAME
1	X-1
2	X-2
3	X-3
4	X-4

272 RETRIEVAL

MATL. OF MIN. COST ☐ CRITERIA FIXED ☐ DELETE LINE

MATL. OF MAX COST ☐ ITEM FIXED ☐ OUTPUT DATA 273

	PROCESS	CLASS.	RAW-MATL	MAKER	COST	X-1	X-2	X-3	X-4
1	PROCESS -1	AAA	Y-1	A	4900	4900	4900	4900	
2			Y-2	B	6280	6280	6280	6280	6280
3			Y-3	C	290	290			
4			Y-4	D	2220				2220
5			Y-5	E	9500	9500	9500	9500	9500
6	PROCESS -2	BBB	Z-1	AA	1862				1862
7			Z-2	BB	4434			4434	
8			Z-3	CC	2065	2065			
9		CCC	W-1	DD	5570	5570			
10			W-2	EE	5570			5570	
11		DDD	P-1	FF	350	350			

274

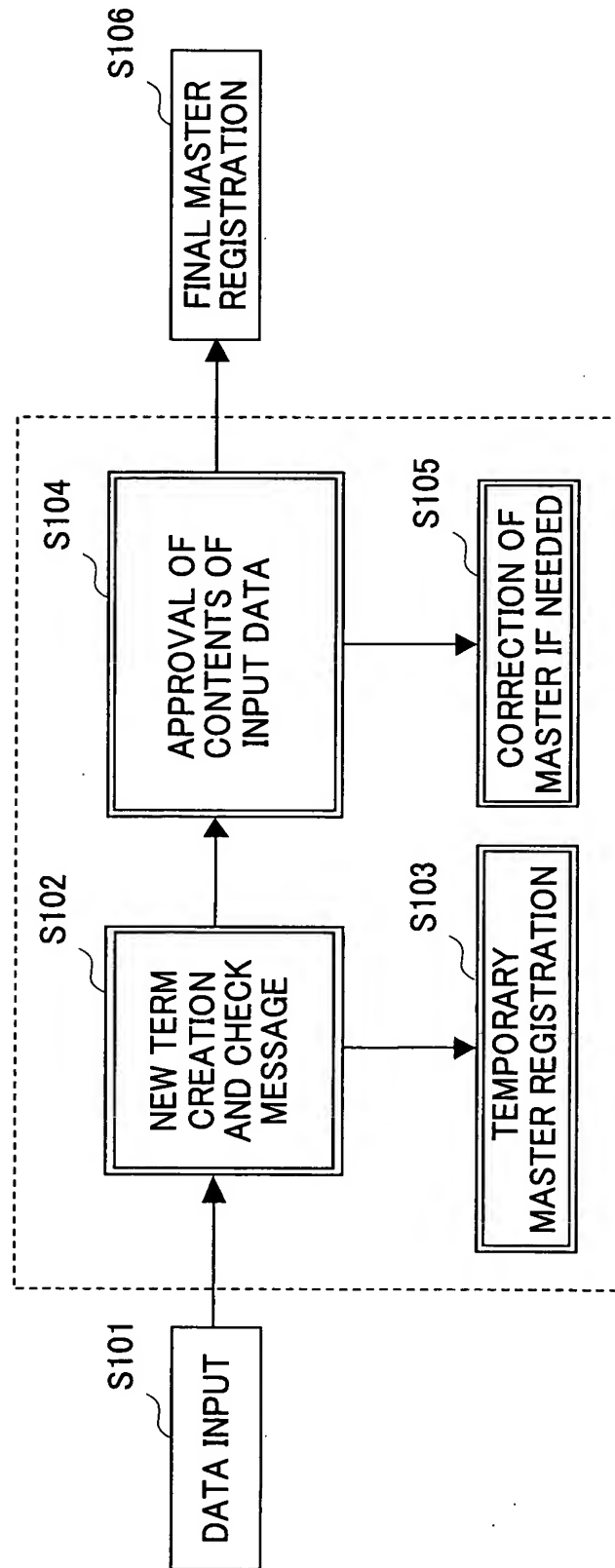
276

275

277

278

FIG.11



301

302

FIG.13

301

303

304

TOP

PRODUCT XX-1

PRESCRIPTION XY-10

MODEL SELEC

SIMILARITY

COLOR

ADDITION

PROCESS ADDITION

EXISTING ITEM

RAW-MATERIAL-1

RAW-MATERIAL-2

RAW-MATERIAL-3

RAW-MATERIAL-4

PROCESS NAME

OK

CANCEL

CREATE

NEW

NEW

FIG.14

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☐ REQUEST OF TERM REGISTRATION ☐ ☐ ☐

THE FOLLOWING TERM IS NEWLY RECORDED.
CORRECT THE TERM IF NEEDED.
APPROVAL SCREEN WILL APPEAR
IF "OK" BUTTON IS CLICKED.

MASTER	NEW TERM
MEASURING METHOD	REVERSE CHARGED TONER TESTING METHOD

REVERSE CHARGED TONER TESTING METHOD

CORRECT 283

OK 282

CANCEL

284

SELECTION OF PERSONNEL

EXAMINED BY

APPROVED BY